NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: | | | | | | | (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

Line	Field	Value
01	LICENSEE CODE (2)	O H D B S 1
01	LICENSE NUMBER (3)	0 0 - 0 0 N P F - 0 3
01	LICENSE TYPE (4)	4 1 1 1 1
01	CAT (5)	
CON'T 01	REPORT SOURCE (6)	L
01	DOCKET NUMBER (7)	0 5 0 - 0 3 4 6
01	EVENT DATE (8)	0 4 2 2 7 8
01	REPORT DATE (9)	0 5 1 8 7 8

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 While reviewing the Reactor Operator Log on 4/22/78, it was discovered that the Group
03 5 Control Rods 100% Zone Reference Light had been last checked on 4/21/78 at 2220
04 hours. Since Group 5 was in asymmetric bypass, TS 3.1.3.3, Action a.2.b requires that
05 Group 5 position be verified at least once every 12 hours. There was no danger to
06 the health and safety of the public or unit personnel. The control rods of Group 5
07 were not in an asymmetric condition. (NP-33-78-50)
08

Line	SYSTEM CODE (11)	CAUSE CODE (12)	CAUSE SUBCODE (13)	COMPONENT CODE (14)	COMP. SUBCODE (15)	VALVE SUBCODE (16)
09	R B	A	A	I N S T R U	Z	Z

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	7 8	—	0 4 0	/	0 3	L	—	1

ACTION TAKEN (18)	FUTURE ACTION (19)	EFFECT ON PLANT (20)	SHUTDOWN METHOD (21)	HOURS (22)	ATTACHMENT SUBMITTED (23)	NPRD-4 FORM SUB. (24)	PRIME COMP. SUPPLIER (25)	COMPONENT MANUFACTURER (26)
X	Z	Z	Z	0 0 0 0	Y	N	Z	Z Z Z Z

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The apparent cause of this occurrence was personnel error. The operator inadvertently
11 failed to perform the required observation of the zone reference light. An operator
12 was dispatched to read the zone reference light at 2117 hours on April 22, 1978. A
13 program has been developed for use by the process computer to aid operators in moni-
14 toring surveillance tests required at frequent intervals when the unit is in an Action Statement.

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Line	FACILITY STATUS (28)	% POWER (29)	OTHER STATUS (30)	METHOD OF DISCOVERY (31)	DISCOVERY DESCRIPTION (32)
15	E	0 4 6	NA	A	Operator Log Review

Line	ACTIVITY RELEASED (33)	CONTENT OF RELEASE (34)	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
16	Z	Z	NA	NA

PERSONNEL EXPOSURES

Line	NUMBER (37)	TYPE (38)	DESCRIPTION (39)
17	0 0 0	Z	NA

PERSONNEL INJURIES

Line	NUMBER (40)	DESCRIPTION (41)
18	0 0 0	NA

LOSS OF OR DAMAGE TO FACILITY (43)

Line	TYPE (42)	DESCRIPTION
19	Z	NA

7903270600

PUBLICITY

Line	ISSUED (44)	DESCRIPTION (45)	NRC USE ONLY
20	N	NA	

DVR 78-064 NAME OF PREPARER Jim Marley PHONE: 419-259-5000, Ext. 276

GPO 917-926

TOLEDO EDISON COMPANY
DAVIS-BESSE UNIT ONE NUCLEAR POWER STATION
SUPPLEMENTAL INFORMATION FOR LER NP-33-78-50

DATE OF EVENT: April 22, 1978

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Failure to read zone reference light for Group 5 Control Rods when in asymmetric bypass

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWT) = 1269 and Load (MWE) = 385.

Description of Occurrence: While reviewing the Reactor Operator Log on April 22, 1978, it was discovered that the Group 5 Control Rods 100% Zone Reference Light had been last checked on April 21, 1978 at 2220 hours. Since Group 5 was in asymmetric bypass, Technical Specification 3.1.3.3, Action a.2.b requires that Group 5 be maintained at 0%, 25%, 50%, 75% or 100% withdrawn and verified at least once every 12 hours. The position of Group 5 had not been verified by the 100% Zone Reference Light for approximately 24 hours.

Designation of Apparent Cause of Occurrence: The apparent cause of the occurrence was personnel error. The operator inadvertently failed to perform the required observation of the zone reference light.

Analysis of Occurrence: There was no danger to the health and safety of the public or unit personnel. The control rods of Group 5 were not in an asymmetric condition. Only the Absolute Position Indication for one control rod was defective requiring operation in asymmetric bypass.

Corrective Action: As soon as it was discovered that the zone reference light had not been read, an operator was immediately dispatched to read the zone reference light at 2117 hours on April 22, 1978. A program has been developed for use by the process computer to aid operators in monitoring surveillance tests required at frequent intervals when the unit is in an Action Statement.

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Failure Data: This is not a repetitive occurrence.

LER #78-040